AMENDMENTS TO THE CLAIMS:

Please cancel without prejudice Claims 1-8 and add Claims 9 - 23. Consideration is respectfully requested.

LISTING OF CLAIMS:

Claims 1 – 8: Canceled (to issue in parent application);

9. (New) A GPS navigation apparatus comprising:

a GPS signals receiver for acquiring positional data;

a memory for storing positional data comprising a locus of tracking points including a start point, a destination point, and a plurality of intermediary locations points;

a registrar for storing and recalling a selected one of a loci of tracking points;

a route conversion selector for selecting a conversion type from among a plurality of conversion types, for converting said selected locus of tracking points into a new return route, and wherein each new return route is dependent upon the conversion type;

a position data extractor for automatically extracting those data from the selected locus of tracking points designated by the selected type of conversion and creating the new return route based on said automatic data extraction; and

a display for graphically illustrating the new return route as a start point, a destination point, and new route data derived from said automatic data extraction.

10. (New) The GPS navigational apparatus of Claim 9 further comprising interpolating software for creating interpolated new route data information from said automatically extracted data, and incorporating said interpolated new route data into said new return route.

11. (New) The GPS navigational apparatus of Claim 10 wherein said interpolating software comprises a linear interpolation of tracking points.

12. (New) The GPS navigational apparatus of Claim 9 further comprising a timer for storing tracking points at a predetermined time interval.

13. (New) The GPS navigational apparatus of Claim 9 further comprising a distance determinator for storing tracking points at a predetermined separation distance.

14. (New) The GPS navigational apparatus of Claim 9 wherein the position data extractor extracts all of said locus of position data from said memory in creating said new return route.

15. (New) The GPS navigational apparatus of Claim 9 wherein the position data extractor extracts less than all of said locus of position data from said memory in creating said new return route.

16. (New) The GPS navigational apparatus of Claim 10 wherein said position data extractor extracts position data corresponding to a start point, a destination point, and user-selected intermediary points, and said route conversion selector includes a selection of a shortest route between said start point and said destination point, and passing through each of said user-selected intermediary points.

17. (New) The GPS navigational apparatus of Claim 16 wherein said interpolating software comprises a linear interpolation using the start point, the destination point, and the user-selected intermediary points.

18. (New) The GPS navigational apparatus of Claim 9 wherein said user-selected intermediary points are chosen points from the locus of tracking points.

19. (New) The GPS navigational apparatus of Claim 9 wherein said user-selected intermediary points are landmark data points distinct from said positional data.

20. (New) The GPS navigational apparatus of Claim 19 wherein said landmark data points are selected by displaying said tracking points with a graphical representation and entering on said graphical representation landmark locations distanced from said positional data.

21. (New) The GPS navigational apparatus of Claim 16 wherein said user-selected intermediary points are chosen points from the locus of tracking points.

22. (New) The GPS navigational apparatus of Claim 16 wherein said user-selected intermediary points are landmark data points distinct from said positional data.

23. (New) The GPS navigational apparatus of Claim 22 wherein said landmark data points are selected by displaying said tracking points with a graphical representation and entering on said graphical representation landmark locations distanced from said positional data.